

# Upright Electric Residential Water Heater

## Features

- **Vitraglas® Lining with Microban®**—An exclusively engineered enamel formula that provides superior tank protection from the corrosive effects of water; and with Microban® antimicrobial product protection to help prevent the growth of bacteria, mold and mildew on the surface of the tank lining.
- **Hydrojet® Total Performance System**—Sediment reducing device that also increases first hour delivery of hot water while minimizing temperature build-up in tank.

## Additional Details

- **Fully Automatic Controls**—Fast acting surface-mount thermostat with high limit energy cut-off (manual reset) for safety.
- **Low Restrictive Brass Drain Valve**—Durable tamper proof design.
- **Direct Heat Transfer with Immersed Elements**—Transfers heat directly and efficiently to the water. Screw-in style.
- **Insulation System**—Non-CFC foam covers the tank, reducing heat loss, energy consumption, and improves efficiency and jacket rigidity. Flexible fiberglass insulation on blanketed models.
- **Water Connections**— 3/4" (19mm) NPT factory-installed true dielectric fittings extend water heater life and simplify water line connections.
- **Factory-Installed Heat Traps**—Incorporates a flexible disk that reduces heat loss in piping and prevents noise.
- **Protective Anode Rod**—Provides added protection against corrosion for long-term, trouble-free service.
- **Simultaneous and Non-Simultaneous Operation Available**— Simultaneous operation indicates when both elements (if equipped) are being heated at the same time. Non-Simultaneous operation indicates when one element is being heated at a time.
- **Voltages Available**— 120V, 208V, 240V, 277V, 480V.
- **Single Phase or Three Phase Operation Available**— 120V & 277V may only be wired for single phase operation.
- **T&P Relief Valve**—Installed.
- **Housing and Urban Development**—These water heaters are designed in accordance with H.U.D. and are approved for installation in a manufactured home (mobile home).

\* Simultaneous operation must be specified when ordering.



Photo is of RE250T6



Copper Screw Type  
Immersion Element  
(INCOLOY® type immersion  
element available upon request)



## 6 or 10-Year Limited Tank Warranties / 6-Year Limited Warranty on Component Parts.

For more information on warranty, please visit [www.bradfordwhite.com](http://www.bradfordwhite.com)

For products installed in USA, Canada, and Puerto Rico. See complete copy of the warranty included with the heater for limitations.

Microban® antimicrobial product protection helps prevent the growth of bacteria, mold and mildew that may affect the product. The built-in antimicrobial properties do not protect users or others from disease-causing organisms. Microban® is a registered trademark of Microban Products Company.

# Upright Electric Residential Water Heater

## SPECIFICATIONS

These water heaters meet or exceed all or portions of (where applicable) the minimum efficiency requirements of ASHRAE Standard 90.1 (latest edition). C.E.C. Listed.

Model Number	Rated Nominal Capacity		DOE Rated Storage Volume Gal.	First Hour Rating Gal.	Uniform Energy Factor	Element Wattage (Watts)		A Floor to Top of Heater in.	B Jacket Dia. in.	C Floor to Water Conn. in.	D C/L of Water Conn. in.	E Floor to T&P Conn. in.	G Water Conn. NPT in.	Approx. Shipping Weight lbs.
	U.S. Gal.	Imp. Gal.				Minimum	Maximum							
RE330S6	30	25	27	43	0.92	1500	6000	46 <sup>11/16</sup>	20	48 <sup>15/16</sup>	8	48 <sup>15/16</sup>	3/4	100
RE240S6†	40	33	36	48	0.91	1500	6000	47 <sup>3/16</sup>	20	49 <sup>7/16</sup>	8	49 <sup>7/16</sup>	3/4	123
RE340S6	40	33	36	49	0.91	1500	6000	47 <sup>3/16</sup>	22	49 <sup>7/16</sup>	8	49 <sup>7/16</sup>	3/4	114
RE340T6	40	33	36	53	0.92	4000	6000	60 <sup>3/16</sup>	20	62 <sup>7/16</sup>	8	62 <sup>7/16</sup>	3/4	125
RE350S6	50	42	45	60	0.92	3500	6000	47 <sup>3/16</sup>	24	49 <sup>7/16</sup>	8	49 <sup>7/16</sup>	3/4	144
RE250S6†	50	42	45	60	0.92	3500	6000	47 <sup>3/16</sup>	22	49 <sup>7/16</sup>	8	49 <sup>7/16</sup>	3/4	143
RE250T6	50	42	45	64	0.92	4000	6000	59	20	60 <sup>1/4</sup>	8	60 <sup>1/4</sup>	3/4	130
RE255T6	55	46	55	75	0.93	4500	6000	56 <sup>15/16</sup>	23	58 <sup>3/16</sup>	8	58 <sup>3/16</sup>	3/4	142

Model Number	Rated Nominal Capacity		DOE Rated Storage Volume Liters	First Hour Rating Liters	Uniform Energy Factor	Element Wattage (Watts)		A Floor to Top of Heater mm.	B Jacket Dia. mm.	C Floor to Water Conn. mm.	D C/L of Water Conn. mm.	E Floor to T&P Conn. mm.	G Water Conn. NPT mm.	Approx. Shipping Weight kg.
	Liters	Liters				Minimum	Maximum							
RE330S6	114	102	102	163	0.92	1500	6000	1186	508	1243	203	1243	19	45
RE240S6†	151	136	136	182	0.91	1500	6000	1199	508	1256	203	1256	19	56
RE340S6	151	136	136	186	0.91	1500	6000	1199	559	1256	203	1256	19	52
RE340T6	151	136	136	201	0.92	4000	6000	1529	508	1586	203	1586	19	57
RE350S6	189	170	170	227	0.92	3500	6000	1199	610	1256	203	1256	19	65
RE250S6†	189	170	170	227	0.92	3500	6000	1199	559	1256	203	1256	19	65
RE250T6	189	170	170	242	0.92	4000	6000	1499	508	1530	203	1530	19	59
RE255T6	208	188	188	284	0.93	4500	6000	1446	584	1478	203	1478	19	64

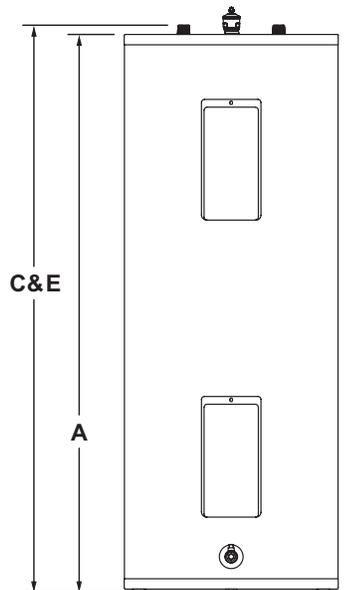
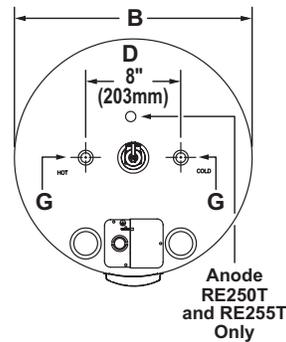
† Models include supplied insulation blanket (2" thick). Dimensions in charts above do not include blanket thickness.

For 10 year models, change suffix "6" to "10".

Uniform Energy Factor and First Hour Rating is based on the latest AHRI directory listings.

Refer to Element Wattage Minimum & Maximum in chart above

Wattage Limitations for Simultaneous Operation	Voltage					Wattage Limitations for Non-Simultaneous Operation	Voltage				
	120V	208V	240V	277V	480V		120V	208V	240V	277V	480V
1500W / 1500W	yes	yes	yes	yes	yes	1500W / 1500W	yes	yes	yes	yes	yes
2000W / 2000W	no	yes	yes	yes	yes	2000W / 2000W	yes	yes	yes	yes	yes
2500W / 2500W	no	yes	yes	yes	yes	2500W / 2500W	yes	yes	yes	yes	yes
3000W / 3000W	no	yes	yes	yes	yes	3000W / 3000W	yes	yes	yes	yes	yes
3500W / 3500W	no	yes	yes	no	no	3500W / 3500W	no	yes	yes	no	no
4000W / 4000W	no	yes	yes	yes	yes	4000W / 4000W	no	yes	yes	yes	yes
4500W / 4500W	no	yes	yes	yes	yes	4500W / 4500W	no	yes	yes	yes	yes
5000W / 5000W	no	yes	yes	yes	yes	5000W / 5000W	no	yes	yes	yes	yes
5500W / 5500W	no	yes	yes	no	no	5500W / 5500W	no	yes	yes	no	no
6000W / 6000W	no	no	yes	yes	yes	6000W / 6000W	no	yes	yes	yes	yes



Wattage	Recovery ▲ GPH Temperature Rise °F					Wattage	Recovery ▲ LPH Temperature Rise °C				
	60	80	90	100	120		34	45	50	56	67
1500W	10	8	7	6	5	1500W	38	30	26	23	19
2000W	14	10	9	8	7	2000W	53	38	34	30	26
2500W	17	13	11	10	9	2500W	64	49	42	38	34
3000W	21	15	14	12	10	3000W	79	57	53	45	38
3500W	24	18	16	14	12	3500W	91	68	61	53	45
4000W	28	21	18	16	14	4000W	106	79	68	61	53
4500W	31	23	21	19	15	4500W	117	87	79	72	57
5000W	34	26	23	21	17	5000W	129	98	87	79	64
5500W	38	29	25	23	19	5500W	144	110	95	87	72
6000W	41	31	28	25	21	6000W	155	117	106	95	79

▲ (GPH based on Non-Simultaneous operation, when Simultaneous operation the GPH will approximately double.)

## GENERAL:

Meets NAECA Requirements

All models UL® listed. These heaters are wired inter-locking (Non-Simultaneous, Single Phase) 240V with two 4500W elements, unless otherwise specified. All water connections are 3/4" NPT (19mm). All models certified at 300 PSI test pressure (2068 kPa) and 150 PSI working pressure (1034 kPa.).

*Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.*



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